

PTO/SB/21 (05-03)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/612,161
Filing Date	July 2, 2003
First Named Inventor	Coville et al.
Art Unit	1723
Examiner Name	Not Yet Known
Attorney Docket Number	BDC-PT001.1

Total Number of Pages in This Submission

**ENCLOSURES** (Check all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund   | Form PTO 1449; Copies of seven cited references  |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> CD, Number of CD(s) _____                                      |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | Remarks   |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Randolph J. Huis	Reg. No. 34,626
Signature		
Date	January 21, 2004	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Randolph J. Huis		
Signature		Date	January 21, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Coville et al.

**Application No.:** 10/612,161

**Confirmation No.:** 4147

**Filed:** July 2, 2003

**For:** METHOD AND APPARATUS USING  
VERTICAL MAGNETIC STIRRING TO  
PRODUCE TURBULENT AND CHAOTIC  
MIXING IN VARIOUS STATES, WITHOUT  
COMPROMISING COMPONENTS

**Group:** 1723

**Examiner:** Not Yet Known

**Our File:** BDC-PT001.1

**Date:** January 21, 2004

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

Pursuant to Pre-Official Gazette Notice signed July 11, 2003 waiving the requirements under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003, copies of the cited U.S. documents have not been included. Copies of all other cited references are enclosed.

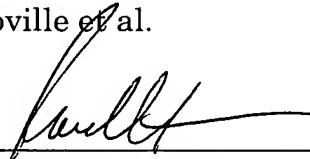
**Applicant:** Coville et al.  
**Application No.:** 10/612,161

To the best knowledge of the undersigned, this Information Disclosure Statement is submitted prior to a first Office Action on the merits. It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating consideration of the cited materials.

Respectfully submitted,

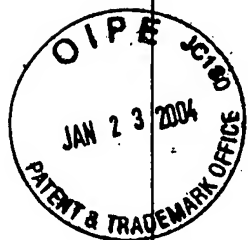
Coville et al.

By

  
Randolph J. Huis  
Registration No. 34,626  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

RJH/DPD/slp  
Enclosures



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)										ATTY. DOCKET NO. BDC-PT001.1		SERIAL NO. 10/612,161		
										APPLICANT Coville et al.				
										FILING DATE July 2, 2003				GROUP 1723
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	*AA	4	0	4	0	6	0	5	08/1977	Townsend				
	*AB	4	0	9	0	2	6	3	05/1978	Hoffa				
	*AC	4	1	6	2	8	5	5	07/1979	Bender				
	*AD	4	4	8	4	6	1	5	11/1984	Melford et al.				
	*AE	4	4	9	8	7	8	5	02/1985	de Bruyne				
	*AF	4	4	9	1	8	1	9	01/1985	Ray				
	*AG	4	5	6	8	1	9	5	02/1986	Herz et al.				
	*AH	4	9	1	1	5	5	5	03/1990	Saffer et al.				
	*AI	5	5	1	3	9	1	2	05/1996	Lotz et al.				
	*AJ	5	5	2	9	3	9	1	06/1996	Kindman et al.				
	*AK	5	5	3	3	8	0	0	07/1996	Stiegelmann et al.				
	*AL	5	5	4	7	2	8	0	08/1996	Wanninger et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
		"Ancillary Equipment: Model 303A Static Mercury Drop Electrode"												
		Bio/Data Corporation, "Imixx: Vertical Stirring System MVS-2"												
		V&P Scientific, Inc., "The Concept is Simple..." 02/2001												
		"Miniature Magnetic Stirring Kit" 06/2001												
EXAMINER										DATE CONSIDERED				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

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										APPLICANT Coville et al.			
										FILING DATE July 2, 2003		GROUP 1723	

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*AM	5	5	5	6	0	6	7	09/1996	Konig et al.			
	*AN	5	8	9	9	5	6	7	05/1999	Morris, Jr.			
	*AO	6	0	3	3	5	7	4	03/2000	Siddiqi			
	*AP	6	1	7	6	6	0	9	01/2001	Cleveland et al.			
	*AQ	6	3	5	7	9	0	7	03/2002	Cleveland et al.			

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
		"The Variomag Concept" 05/2002										
		Physical Review Focus, "Dye Doesn't Follow Fluid Flow" 06/2002										
		V&P Scientific, Inc. "Stir Stix" 09/2002										

EXAMINER	DATE CONSIDERED
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